## STATE OF NEVADA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF AIR POLLUTION CONTROL

## Director's Review and Preliminary Determination of Permit Issuance For Jungo Land and Investments, Inc. Jungo Disposal Site May 26, 2009

Jungo Land and Investments, Inc (JLII) has submitted an application for a new Class I Operating Permit to Construct (OPTC) to the Nevada Division of Environmental Protection, Bureau of Air Pollution Control (NDEP-BAPC) for their Jungo Disposal Site. The application materials related to new Class I OPTC permit were originally received by NDEP-BAPC on February 4, 2009. The permit application was deemed administratively complete by default on March 24, 2009. If approved, the issuance of a new Class I OPTC permit (no. **AP4953-2525**) will allow JLII to construct a municipal solid waste landfill.

The site is approximately 25 miles west of Winnemucca in an area identified as Desert Valley on a County Road identified as Jungo Road. The location of the property is described by the Public Land Survey system as Township 35 North, Range 33 East, Mount Diablo Baseline and Meridian, Section 7.

The Jungo Disposal Site will serve as a regional disposal site for portions of Northern California that generally include the nine counties which make up the San Francisco Bay Area, and tributary communities along the rail route. Refuse will be delivered to the site primarily by rail at an estimated average annual rate of up to 4,000 tons/day. In addition, it may be possible that wastes generated in Humboldt County and other counties of the State of Nevada may also be disposed at the facility. The total surface area at JLII's landfill is approximately 634 acres and proposed landfill waste footprint of approximately 560 acres. The design capacity of the landfill will be approximately 58.5 million megagrams (64.49 million short tons). This landfill will be a No Codisposal facility and will not accept any hazardous wastes.

Based on design capacity
(equal to or greater than 2.5
million megagrams) of the
landfill, this facility is subject
to the provisions of 40 CFR
Part 60 Subpart WWW and
requires a Class I (Title V) Air
Quality Operating Permit to
Construct.

Facility-Wide Proposed Annual Emissions			
Pollutant(s)			
NMOC	Nonmethane Organic Compounds	43.94	
	(after 5 years of operation)	Mg/yr	
VOCs	Volatile Organic Compounds	0.00456	
		ton/yr	
HAPs	Hazardous Air Pollutants	9.70 ton/yr	

The facility's calculated total NMOC (Nonmethane Organic Compounds) emission rate from the landfill is 43.94 Mg/yr, which is below the 50 Mg/yr threshold. The facility is not required to have a landfill gas collection and control system at this time. There are no regulated pollutant emissions from facility's primary function (i.e. landfill operation) except VOC emissions of 0.00456 ton/yr. VOC emissions are considered negligible at this time because NMOC emission rates are less than 50 Mg/yr thresholds. The regulated pollutant emissions from the insignificant activities are minimal (refer to above Table). Therefore, no modeling analysis has been conducted at this time.

The facility will be required to control fugitive dust in accordance with the approved dust control plan.

Based on the information provided in the facility's application materials, JLII will not exceed the National Ambient Air Quality Standards. Adverse air quality impacts are not expected. Therefore, NDEP-BAPC has made a preliminary determination to issue the Class I Operating Permit to Construct (# AP4953-2525) with appropriate conditions.

The proposed source must comply with all State and Federal air quality requirements and all conditions established within the proposed Operating Permit.